

USPTO Customer No. 25280

Case 5601

AMENDMENT TO THE SPECIFICATION

In the specification, on page 6 and continuing onto page 7, please replace paragraph [0011] with the following:

[0011] Accordingly, the formation of IPNs based on blends of silicone polymers with other polymers having desirable features and characteristics not found in the silicone alone has the potential of greatly enhancing an airbag coating. The extent of formation of these IPNs, however, is limited by the compatibility of the thermodynamic properties of the additional polymers to those of silicone. The most effectively formed IPNs are those in which the constituents are thermodynamically compatible. Whereas previous attempts—as are described in US Patents 6,348,543; 6,468,929; and 6,545,092—were successful in forming silicone blends to improve the properties of silicone, such as resistance to seam combing in airbags, these attempts did not address the thermodynamic properties of the silicone polymers compared to those polymers that are blended with silicone to form an IPN. Because it may be desirable to achieve a silicone polymer blend having other properties, such as reduced air permeability and lower cost, there exists a need for identifying a parameter whereby one can predict the likelihood of success in combining polymers having particularly attractive characteristics with silicone polymers to form IPNs.